

The purpose of this schedule is to show activity of the Water Bodies and Phragmites Account over several years, specifically with a 5 year review of revenue and expenditures, current year projection and the three years of budget based on current information available.

Please note that the difference between fiscal years is one day. The ending balance as of 6/30 each year is carried forwarded to the top of the subsequent column as the opening, 7/1 balance.

Water Bodies Account History: 5 Years of Actual, Current Year Expected, 3 Years of Projected

MUNIS #	FY11 Actual	FY12 Actual	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Expected	FY17 Budget	FY18 Budget	FY19 Budget
Beginning Balance - 7/1	\$ 8,360.23	\$ 18,425.23	\$ 19,425.23	\$ 23,890.23	\$ 27,865.23	\$ 58,915.23	\$ 21,215.23	\$ 21,715.23	\$ 10,215.23
230 4972 Revenue/Appropriation	15,000.00	20,000.00	50,000.00	50,000.00	40,000.00	40,000.00	50,000.00	50,000.00	50,000.00
230 4831 Revenue/Donations	-	1,000.00	-	1,300.00	1,800.00	800.00	-	-	-
230 5299 Expenses - Spy Pond	(4,935.00)	-	(22,725.00)	(29,200.00)	-	(53,500.00)	(23,000.00)	(34,000.00)	(37,000.00)
230 5299 Expenses - Reservoir	-	(20,000.00)	(21,400.00)	(18,125.00)	(10,750.00)	(24,000.00)	(16,000.00)	(16,500.00)	(6,500.00)
230 5299 Expenses - Hills	-	-	(1,410.00)	-	-	(1,000.00)	(500.00)	(1,000.00)	(1,000.00)
230 5299 Expenses - Cc Other	-	-	-	-	-	-	(10,000.00)	(10,000.00)	-
Ending Balance - 6/30	\$ 18,425.23	\$ 19,425.23	\$ 23,890.23	\$ 27,865.23	\$ 58,915.23	\$ 21,215.23	\$ 21,715.23	\$ 10,215.23	\$ 15,715.23

Phragmites Acct - Spy Pond - supported by donations - for use on phragmites only: 5 Years of Actual, Current Year Expected, 3 Years of Budgeted

MUNIS #	FY11 Actual	FY12 Actual	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Expected	FY17 Budget	FY18 Budget	FY19 Budget
Beginning Balance - 7/1	\$ -	\$ 5,361.00	\$ 5,821.00	\$ 4,120.00	\$ 4,120.00	\$ 2,870.00	\$ 2,870.00	\$ 2,870.00	\$ -
230 4830 Revenue/Donations	9,161.00	4,060.00	100.00	-	-	-	-	-	-
230 5290 Expenses	(3,800.00)	(3,600.00)	(1,801.00)	-	(1,250.00)	-	-	(2,870.00)	-
Ending Balance - 6/30	\$ 5,361.00	\$ 5,821.00	\$ 4,120.00	\$ 4,120.00	\$ 2,870.00	\$ 2,870.00	\$ 2,870.00	\$ -	\$ -

Subtotal of Water Bodies and Phragmites Acct Ending Balances (Above)

MUNIS #	FY11 Actual	FY12 Actual	FY13 Actual	FY14 Actual	FY15 Actual	FY16 Expected	FY17 Budget	FY18 Budget	FY19 Budget
Water Bodies Fund	8,360.23	18,425.23	19,425.23	23,890.23	27,865.23	58,915.23	21,215.23	21,715.23	10,215.23
Phragmites Fund	5,361.00	5,821.00	4,120.00	4,120.00	2,870.00	2,870.00	2,870.00	-	-
Available Balance	\$ 13,721.23	\$ 24,246.23	\$ 23,545.23	\$ 28,010.23	\$ 30,735.23	\$ 61,785.23	\$ 24,085.23	\$ 21,715.23	\$ 10,215.23

Notes

- 1) Control eurasian watermilfoil -- Treatment with "Sonar" occurs in May, every three years. The last treatment was May 21, 2013.
- 2) Harvesting water chestnuts -- Mechanical harvesting occurs in July to reduce the seed bed for the following year.
- 3) Control excessive vegetation -- Treatment with "Reward" occurs in May or early June, as needed.
- 4) Control algae -- Treatment with a copper compound occurs in July or August if there is an algae bloom.
- 5) Control phragmites -- Treatment with "AquaPro" occurs in October, every three years.
- 6) Water bodies and watershed survey -- Checks the health of Arlington's water bodies and invasive plants and animals. FY18 & FY19 needs are uncertain and depend on further studies.

Water Bodies Program Analysis
Expense Detail - Actual and Projected

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The purpose of this schedule is to provide a beakout of the expenditure detail that is summarized on the proceeding tab.

Detail - FY 15 - Actual	PO#	Report due	Spy Pond	Reservoir	Hills	Other	FY Total	Spent to date	\$\$ available	Comments
treatment/sonar - spend in FY16				-			-	-		reserved for FY16
treatment/reward				-			-	-		
water chestnuts/hand pull				10,750			10,750	10,750	-	
algae treatment				-			-	-		
water quality testing/plant id				-	-		-	-		
Total			\$ -	\$ 10,750	\$ -	\$ -	\$ 10,750	\$ 10,750	\$ -	

Detail - FY 16 - InProcess	PO#	Report due	Spy Pond	Reservoir	Hills	Other	FY Total	Spent to date	\$\$ available	Comments
treatment/sonar - spend in FY16			38,500				38,500	6404.38	32,096	\$\$ used for permitting
treatment/reward							-	-	-	
water chestnuts/hand pull				20,000			20,000	20,000	-	
algae treatment			5,000				5,000	-	5,000	
water quality testing/plant id/survey			10,000	4,000	1,000	-	15,000	3,000	12,000	
Total			\$ 53,500	\$ 24,000	\$ 1,000	\$ -	\$ 78,500	\$ 29,404	\$ 49,096	

Detail - FY 17 - Budget	PO#	Report due	Spy Pond	Reservoir	Hills	Other	FY Total	Spent to date	\$\$ available	Comments
treatment/sonar - spend in FY19			14,000	-	-		14,000			
treatment/reward			-	-	-		-			
water chestnuts/hand pull			-	15,000			15,000			
algae treatment			5,000	-	-		5,000			
water quality testing/plant id/survey			4,000	1,000	500		5,500			
ConsCom - other water bodies			-	-	-	10,000	10,000			
Total			\$ 23,000	\$ 16,000	\$ 500	\$ 10,000	\$ 49,500			

Detail - FY 18 - Budget	PO#	Report due	Spy Pond	Reservoir	Hills	Other	FY Total	Spent to date	\$\$ available	Comments
treatment/sonar - spend in FY19			14000				14,000			
treatment/reward			10000				10,000			
water chestnuts/hand pull				15000			15,000			
algae treatment			5000				5,000			
water quality testing/plant id			5000	1500	1000		7,500			
phragmites treatment			-	-	-		-			Using phrag. Acct \$\$
ConsCom - other water bodies			-	-	-	10,000	10,000	-	-	
Total			\$ 34,000	\$ 16,500	\$ 1,000	\$ 10,000	\$ 61,500	\$ -	\$ -	

Detail - FY 19 - Budget	PO#	Report due	Spy Pond	Reservoir	Hills	Other	FY Total	Spent to date	\$\$ available	Comments
treatment/sonar - spend in FY19			14000				14,000			
treatment/reward			10000				10,000			
water chestnuts/hand pull				5000			5,000			
algae treatment			5000				5,000			
water quality testing/plant id			5000	1500	1000		7,500			
spy permitting			3,000				3,000			
ConsCom - other water bodies			-	-	-	-	-	-	-	
Total			\$ 37,000	\$ 6,500	\$ 1,000	\$ -	\$ 44,500	\$ -	\$ -	

Report date: 2/24/16 THD